COMMON LANGUAGE

FACILITY IDENTIFICATION

DESCRIPTION

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1. GENERAL

1.01 This section describes the standard codes used for identifying trunk line facilities. It describes the codes for voice-grade and carrier facilities such as cable pairs, open-wire lines, and carrier channels or the transmission equivalent of each type. Also included are codes for intermediate stages of modulation from which carrier channels are derived (e.g., channel groups, supergroups, etc.). These codes together with Common Language Location Identification codes will uniquely identify any particular facility or facility group. Examples of each type are shown.

1.02 The information in this section supersedes related information in Sections 682-100-010 through -019. It is planned that certain sections of that series will eventually be cancelled. Since this reissue covers a general revision, arrows ordinarily used to indicate changes have been omitted.

2. DESCRIPTION OF LINE FACILITY CODE

2.01 The line facility code consists of a maximum of 18 characters. For coding purposes the 18-character field is divided into three code groups, each of which contains specific information required to identify the facility. A dash is placed between each of the code groups to provide separation.

2.02 Most applications of the line facility code do not require the maximum of 18 characters. The information used to code each group will vary with different types of facilities; however, it will generally follow the pattern to be described.

2.03 Figures 1 to 7 show the basic coding plan. Each entry is left-hand aligned and occupies character positions 1 to 18, with the three code groups occupying character positions 1 to 5, 7 to 12, and 14 to 18, respectively. The dash separating these code groups is placed in character positions 6 and 13.

Note: The dashes separating the code groups make available the ability to compress the total code by the elimination of blanks or zeros for spacing. Consideration should be given, however, to the consistency of notation for information retrieval.

3. CODING CABLE FACILITIES

3.01 The code for cable facilities is arranged as follows. The format is shown in Fig. 1, and the actual codes are listed in Table A.

(a) ***Character Positions 1 to 5 — CABLE DESIGNATION:*** This entry shows the actual alphabetical or numerical designation of the cable being identified.

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(b) ***Character Position 6:*** A dash is used in this position.

(c) ***Character Positions 7 to 12 — GAUGE AND LOADING:*** This entry provides information on the gauge, load coil spacing, load coil inductance, and capacitance (high or low) of the cable pair involved.

Note 1: When a cable pair having mixed-gauge conductors is involved, the predominant gauge and loading followed by the suffix **X** occupies this second code group. See the Table A entry with reference to Note 2.

Note 2: When individual pairs of a cable are equipped with different values of load coil inductance, the code indicates mixed loading by suffixing **Y** to the predominant gauge and loading of the cable. This entry occupies the second code group as shown by the Table A entry with reference to Note 6.

Note 3: When a cable pair having mixed-gauge conductors equipped with different values of load coil inductance is involved, the predominant gauge and loading suffixed with the letter **Z** will occupy the second code group as shown by the Table A entry with reference to Note 9.

(d) ***Character Position 13:*** A dash is used in this position.

(e) ***Character Positions 14 to 18 — PAIR NUMBER:*** This entry shows the actual number of the cable pair being identified.

Note: Single conductors are identified by suffixing the pair number with the letter **T** for the tip side of the pair or the letter **R** for the ring side of the pair. This entry will occupy the third code group as shown by Table A with reference to Note 11.

CODING DATA	CABLE DESIG-NATION	—	GAUGE AND LOADING	—	PAIR NUMBER
CHARACTER POSITIONS	1 to 5	6	7 to 12	13	14 to 18

Fig. 1 — Format for Facility Identification Code — Cables

4. CODING OPEN-WIRE FACILITIES

4.01 The code for open-wire facilities is arranged as follows. The format is shown in Fig. 2, and the actual codes are listed in Table B.

(a) ***Character Positions 1 to 5 — OPEN-WIRE LINE DESIGNATION:*** This entry shows the actual alphabetical or numerical designation of the wires being identified.

(b) ***Character Position 6:*** A dash is used in this position.

(c) ***Character Positions 7 to 12 — WIRE TYPE:*** This entry provides information on the size and type of the wire involved.

(d) ***Character Position 13:*** A dash is used in this position.

(e) ***Character Positions 14 to 18 — PIN NUMBERS:*** This entry shows the actual pin numbers of the wires being identified.

CODING DATA	OPEN-WIRE LINE DESIG-NATION	—	WIRE TYPE	—	PIN NUMBERS
CHARACTER POSITIONS	1 to 5	6	7 to 12	13	14 to 18

Fig. 2 — Format for Facility Identification Code — Open-Wire Lines

5. CODING CARRIER CHANNELS

5.01 The code for carrier channels is arranged as follows. The format is shown in Fig. 3, and the actual codes of Western Electric manufactured equipment are listed in Table C. Non-Western Electric manufactured equipment codes are listed in Tables D and E. Combined Western and non-Western carrier equipment is considered foreign and these codes are included in Table E. See Part 8 for coding carrier telegraph channels and Part 9 for coding carrier telegraph layouts.

(a) ***Character Positions 1 to 5 — CHANNEL GROUP NUMBER:*** This entry shows the actual number of the system or channel group being identified. In cases where the system or

channel group number is not used, there will be no entry in this space.

(b) ***Character Position 6:*** A dash is used in this position.

(c) ***Character Positions 7 to 12 — CARRIER TYPE:*** This entry shows the assigned Common Language type code.

(d) ***Character Position 13:*** A dash is used in this position.

(e) ***Character Positions 14 to 18 — CHANNEL NUMBER:*** This entry shows the actual number of the channel, group, supergroup, etc. being identified.

CODING DATA	CHANNEL GROUP NUMBER	—	CARRIER TYPE	—	CHANNEL NUMBER
CHARACTER POSITIONS	1 to 5	6	7 to 12	13	14 to 18

Fig. 3 — Format for Facility Identification Code — Carrier Channels and Channel Groups

6. CODING CIRCUIT UNITS

6.01 The code for circuit units is arranged as follows. The format is shown in Fig. 4, and the actual codes are listed in Table F.

(a) ***Character Positions 1 to 5 — NOT NORMALLY USED:*** An entry is normally not made in this space. However, when an arbitrary grouping of circuit units is used, a maximum of five characters may be used here. These characters may be all letters, all numerals, or a combination of both.

(b) ***Character Position 6:*** A dash is used in this position.

(c) ***Character Positions 7 to 12 — CIRCUIT UNIT TYPE:*** This entry shows the Common Language type code assigned to the circuit unit involved.

(d) ***Character Position 13:*** A dash is used in this position.

(e) ***Character Positions 14 to 18 — CIRCUIT UNIT NUMBER:*** This entry shows the actual number of the circuit unit being identified.

CODING DATA	NOT NORMALLY USED	—	CIRCUIT UNIT TYPE	—	CIRCUIT UNIT NUMBER
CHARACTER POSITIONS	1 to 5	6	7 to 12	13	14 to 18

Fig. 4 — Format for Facility Identification Code — Circuit Units

7. CODING WIDEBAND DATA FACILITIES

7.01 Wideband data facilities are assigned a Common Language code which is indicative of the frequency spectrum involved (Telpak A, B, C, or D).

7.02 The code for wideband data facilities is arranged as follows. The format is shown in Fig. 5, and the actual codes are listed in Table G.

(a) ***Character Positions 1 to 5 — NOT NORMALLY USED:*** An entry is normally not made in this position.

(b) ***Character Position 6:*** A dash is used in this position.

(c) ***Character Positions 7 to 12 — FACILITY TYPE:*** This entry shows the Common Language type code assigned to the wideband data facility involved.

(d) ***Character Position 13:*** A dash is used in this position.

(e) ***Character Positions 14 to 18 — FACILITY NUMBER:*** This entry shows the actual number of the wideband facility being identified.

CODING DATA	NOT NORMALLY USED	—	FACILITY TYPE	—	FACILITY NUMBER
CHARACTER POSITIONS	1 to 5	6	7 to 12	13	14 to 18

Fig. 5 — Format for Facility Identification Code — Wideband Data Facilities

8. CODING CARRIER TELEGRAPH CHANNELS

8.01 The code for carrier telegraph channels is arranged as follows. The format is shown in Fig. 6, and an example of the actual code is listed in Table H.

(a) ***Character Positions 1 to 5 — CHANNEL GROUP NUMBER:*** This entry shows the actual number of the system or channel group being identified.

(b) ***Character Position 6:*** A dash is used in this position.

(c) ***Character Positions 7 to 12 — CARRIER TYPE:*** This entry shows the assigned Common Language type code. The system code indicating the type of system, maximum channel capacity, and channel frequencies is included (see Section 682-200-020).

(d) ***Character Position 13:*** A dash is used in this position.

(e) ***Character Positions 14 to 18 — CHANNEL NUMBER:*** This entry shows the actual number of the channel being identified.

CODING DATA	CHANNEL GROUP NUMBER	—	CARRIER TYPE	—	CHANNEL NUMBER
CHARACTER POSITIONS	1 to 5	6	7 to 12	13	14 to 18

Fig. 6 — Format for Facility Identification Code — Carrier Telegraph Channels

9. CODING CARRIER TELEGRAPH LAYOUTS

9.01 The code for carrier layouts is arranged as follows. The format is shown in Fig. 7, and an example of the actual code is listed in Table H.

(a) ***Character Positions 1 to 5 — NOT NORMALLY USED:*** An entry is normally not made in this space. However, when an arbitrary grouping of carrier layouts is used, a maximum of five characters may be used here. These characters may be all letters, all numerals, or a combination of both.

(b) ***Character Position 6:*** A dash is used in this position.

(c) ***Character Positions 7 to 12 — CARRIER LAYOUT TYPE:*** This entry shows the Common Language type code assigned to the carrier layout involved.

(d) ***Character Position 13:*** A dash is used in this position.

(e) ***Character Position 14 to 18 — CARRIER LAYOUT NUMBER:*** This entry shows the actual number of the carrier layout being identified.

CODING DATA	NOT NORMALLY USED	—	CARRIER LAYOUT TYPE	—	CARRIER LAYOUT NUMBER
CHARACTER POSITIONS	1 to 5	6	7 to 12	13	14 to 18

Fig. 7 — Format for Facility Identification Code — Carrier Layouts

10. CODE TABLES

10.01 The following tables provide examples of valid facility identification codes for cables, open-wire lines, carriers, circuit units, and order circuits, respectively.

TABLE A

LINE FACILITY COMMON LANGUAGE CODING INFORMATION — CABLES

DESCRIPTION OF FACILITY	EXAMPLE
Cable (Numbered)	9865-19H88-617
Cable (Lettered)	A-19H88-617 (Note 12)
Toll Entrance Cable	TE-19H88-617
Intermediate Cable	INT-19H88-617
Exchange Cable	EX-19H88-617
Submarine Cable	SUB-19H88-617
Coaxial Cable	9865-COAX-6
Video Pair	9865-19VID-1
10-Gauge Wire	9865-10H88-617 (Note 1)
13-Gauge Wire	9865-13H88-617 (Note 1)
16-Gauge Wire	9865-16H88-617 (Note 1)
17-Gauge Wire	9865-17H88-617 (Note 1)
19-Gauge Wire	9865-19H88-617 (Note 1)
20-Gauge Wire	9865-20H88-617 (Note 1)
22-Gauge Wire	9865-22H88-617 (Note 1)
24-Gauge Wire	9865-24H88-617 (Note 1)
26-Gauge Wire	9865-26H88-617 (Note 1)
28-Gauge Wire	9865-28NL-617 (Note 1)
Mixed Gauges	9865-19H88X-617 (Note 2)
A Spacing of Load Coils	9865-19A88-617 (Note 3)
B Spacing of Load Coils	9865-19B88-617 (Note 3)
C Spacing of Load Coils	9865-19C88-617 (Note 3)
D Spacing of Load Coils	9865-19D88-617 (Note 3)

TABLE A (Cont)

DESCRIPTION OF FACILITY	EXAMPLE
E Spacing of Load Coils	9865-19E88-617 (Note 3)
F Spacing of Load Coils	9865-19F88-617 (Note 3)
H Spacing of Load Coils	9865-19H88-617 (Note 3)
J Spacing of Load Coils	9865-19J88-617 (Note 3)
K Spacing of Load Coils	9865-19K88-617 (Note 3)
M Spacing of Load Coils	9865-19M88-617 (Note 3)
R Spacing of Load Coils	9865-19R88-617 (Note 3)
S Spacing of Load Coils	9865-19S88-617 (Note 3)
X Spacing of Load Coils	9865-19X88-617 (Note 3)
Y Spacing of Load Coils	9865-19Y88-617 (Note 3)
BH Spacing of Load Coils	9865-19BH8-617 (Notes 3 and 4)
CE Spacing of Load Coils	9865-19CE8-617 (Notes 3 and 4)
0.72-mh Load Coil	9865-19HA7-617 (Note 5)
0.85-mh Load Coil	9865-19HA8-617 (Note 5)
0.94-mh Load Coil	9865-19HA9-617 (Note 5)
2.70-mh Load Coil	9865-19H2A-617 (Note 5)
3.00-mh Load Coil	9865-19A3A-617 (Note 5)
4.10-mh Load Coil	9865-19H4A-617 (Note 5)
4.80-mh Load Coil	9865-19H4B-617 (Note 5)
7.50-mh Load Coil	9865-19H7A-617 (Note 5)
9.00-mh Load Coil	9865-19R9A-617 (Note 5)
12.00-mh Load Coil	9865-19H12-617 (Note 5)
12.80-mh Load Coil	9865-19E1A-617/8* (Note 5)
15.00-mh Load Coil	9865-19H15-617 (Note 5)

TABLE A (Cont)

DESCRIPTION OF FACILITY	EXAMPLE
16.00-mh Load Coil	9865-19H16-617/8* (Note 5)
18.00-mh Load Coil	9865-19H18-617/8* (Note 5)
22.00-mh Load Coil	9865-19H22-617 (Note 5)
25.00-mh Load Coil	9865-19H25-617/8* (Note 5)
28.00-mh Load Coil	9865-19H28-617 (Note 5)
31.00-mh Load Coil	9865-19H31-617 (Note 5)
32.00-mh Load Coil	9865-19H32-617 (Note 5)
44.00-mh Load Coil	9865-19H44-617 (Note 5)
50.00-mh Load Coil	9865-19H50-617/8* (Note 5)
63.00-mh Load Coil	9865-19H63-617/8* (Note 5)
86.00-mh Load Coil	9865-19H86-617 (Note 5)
88.00-mh Load Coil	9865-19H88-617 (Note 5)
106.00-mh Load Coil	9865-19H06-617/8* (Note 5)
130.00-mh Load Coil	9865-19H30-617 (Note 5)
133.00-mh Load Coil	9865-19H33-617 (Note 5)
135.00-mh Load Coil	9865-19H35-617 (Note 5)
154.00-mh Load Coil	9865-19E54-617/8* (Note 5)
155.00-mh Load Coil	9865-19H55-617 (Note 5)
172.00-mh Load Coil	9865-19H72-617 (Note 5)
174.00-mh Load Coil	9865-19H74-617 (Note 5)
175.00-mh Load Coil	9865-19H75-617 (Note 5)
200.00-mh Load Coil	9865-19H00-617 (Note 5)
245.00-mh Load Coil	9865-19H45-617 (Note 5)
250.00-mh Load Coil	9865-19H20-617 (Note 5)

TABLE A (Cont)

DESCRIPTION OF FACILITY	EXAMPLE
Mixed Loading	9865-19H88Y-617 (Note 6)
Mixed Gauges and Mixed Loading	9865-19H88Z-617 (Note 9)
Nonloaded	9865-19NL-617 (Note 7)
Nonloaded Mixed Gauges	9865-19NLX-617 (Note 2)
1/3 B 7.5 Loading	9865-19PA-617 (Note 7)
1/2 B 11 Loading	9865-19PB-617 (Note 7)
1/2 D 7.5 Loading	9865-19PC-617 (Note 7)
1/4 D 11 Loading	9865-19PD-617 (Note 7)
Tip Side	9865-19NL-617T (Note 11)
Ring Side	9865-19NL-617R (Note 11)
Equipped with One E and One G Unit	9865-19EG-617 (Note 7)
Disc-Insulated Spiral Four Cable	9865-19DI-617 (Note 7)
Nonloaded Cable, Low Capacitance	9865-19NLL-617 (Note 7)
Side of Quadded Facility	9865-19H88S-617 (Note 10)
Phantom of Quadded Facility	9865-19H50P-617/8* (Note 10)
High Capacitance Cable	9865-19H88H-617 (Note 8)
Low Capacitance Cable	9865-19H88L-617 (Note 8)

Note 1: Two numerical characters are used for **wire-gauge** code.

Note 2: The predominant gauge followed by the type of loading suffixed with **X** is used for **mixed-gauge** code.

Note 3: One or two alphabetical characters are used for **spacing** code.

Note 4: When two characters are used for **spacing** code, the last character of **inductance** code is deleted.

Note 5: Two alphabetical-numerical or numerical characters are used for load coil **inductance** code.

Note 6: The gauge followed by the predominant loading suffixed with Y is used for **mixed-loading** code.

Note 7: Two or three alphabetical characters are used for **miscellaneous** code.

Note 8: One alphabetical character is used for **suffix** code.

Note 9: The predominant gauge followed by the predominant loading suffixed with Z is used for **mixed-gauge mixed-loading** code.

Note 10: When it is necessary to identify the side circuit of a quadded facility in a distinct manner, the letter S is suffixed to the type of loading code. The letter P is provided as an option to identify the phantom circuit in the same manner.

Note 11: Single conductors are identified by suffixing the pair number with the letter **T** for the tip side of the pair or the letter **R** for the ring side of the pair.

Note 12: When it is necessary to identify line facilities by terminal location codes, refer to the particular practice covering the form to be used. Section 682-000-011, "Plant Assignment — Circuit Layout Record — Description", contains instructions pertaining to the System Standard Circuit Layout Record Card.

*Indicates phantom of pairs 617-618.

TABLE B

LINE FACILITY COMMON LANGUAGE CODING INFORMATION — OPEN-WIRE LINES

DESCRIPTION OF FACILITY	EXAMPLE
Open-wire Line (Numbered)	3-104CS-1/2
Open-wire Line (Lettered)	C-104CS-1/2
80 Mils Diameter	C-*080*CE-1/2 (Note 1)
104 Mils Diameter	C-*104*CS-1/2 (Note 1)
109 Mils Diameter	C-*109*S-1/2 (Note 1)
128 Mils Diameter	C-*128*CS-1/2 (Note 1)
134 Mils Diameter	C-*134*S-1/2 (Note 1)
165 Mils Diameter	C-*165*C-1/2(Note 1)
Copper Wire	C-104C-1/2 (Note 2)
Steel Wire	C-109*S*-1/2 (Note 2)
Copper Steel (40% Conductive)	C-128*CS*4-1/2 (Note 2)
Copper Steel (30% Conductive)	C-128*CS*3-1/2 (Note 2)
Open-wire Line (Phantomed)	C-104*CS*3-1/2P (Note 3)
Mixed Gauges	C-104*CSX*-1/2 (Note 4)
Paired Block, Drop, or HD Wire Figure	C-2PRW-1
Six pair Multiple Drop Wire	C-CMDW6-1
Six pair 19 gauge B Rural Wire, Odd Count color-coded conductor insulation	C-BRW6-1
Two, six pair 19 gauge D Rural Wires, Even Count color-coded conductor insulation	C-2DRW6-2
Twelve pair 19 gauge E Rural Wire, Even Count color-coded conductor insulation	C-ERW12-2
One pair 19 gauge C Rural Wire	C-CRW1-1

TABLE B (Cont)

DESCRIPTION OF FACILITY	EXAMPLE
Sixteen pair 24 gauge B Urban Wire, Odd count color-coded conductor insulation	C-BUW16-2
Sixteen pair 24 gauge C Urban Wire, Even Count color-coded conductor insulation	C-CUW16-2
Sixteen pair 22 gauge D Urban Wire, Even Count color-coded conductor insulation	C-DUW16-2
Multiple line wire not supplied by Western Electric Company should be coded as MLW (Multiple Line Wire) followed by the gauge of the wires.	C-MLW22-2

Note 1: Three numerical characters are used for open-wire **size** code.

Note 2: One, two, or three alphabetical or alphabetical-numerical characters are used for open-wire **type** code.

Note 3: All examples except the last are for side circuits. **Phantoms** are indicated by suffixing the letter P to the pin numbers.

Note 4: The predominant gauge suffixed by **X** is used for **mixed-gauge** code.

TABLE C

LINE FACILITY COMMON LANGUAGE CODING INFORMATION — CARRIERS, WESTERN

DESCRIPTION OF FACILITY	EXAMPLE
B1 Data Carrier	5-BL-1
C Carrier	5-C-1
D Carrier	5-D-1
G Carrier	5-G-1
H Carrier	5-H-1
H Carrier on K Carrier Line Facilities	5-H/K-1
J Carrier	5-J-2
J and K Carriers in Tandem	5-JK-2
J and L Carriers in Tandem	5-JL-2

TABLE C (Cont)

DESCRIPTION OF FACILITY	EXAMPLE
J and R Carriers in Tandem	5-JR-2
J, K, and L Carriers in Tandem	5-JKL-2
J, K, and R Carriers in Tandem	5-JKR-2
J, L, and R Carriers in Tandem	5-JLR-2
J, K, L, and R Carriers in Tandem	5-JKLR-2
K Carrier	5-K-2
K and L Carriers in Tandem	5-KL-2
K and R Carriers in Tandem	5-KR-2
K, L, and R Carriers in Tandem	5-KLR-2
L Carrier on Coaxial	5-L-2
L Carrier on Any Combination of Radio and Coaxial (Entrance links are a part of the MUR and not the L unit.)	5-LR-2
M Carrier	5-M-2
N1 Carrier	5-N-2 or 5-N1-2
N2 Carrier	5-N2-2
N3 Carrier	5-N3-2
OA Carrier	5-OA-2
OB Carrier	5-OB-2
OC Carrier	5-OC-2
OD Carrier	5-OD-2
ON Carrier on Cable	5-ON-2 (Note 3)
ON Carrier on Radio	5-ONR-2 (Note 3)
ON Carrier, Frequency Slot A on All Open-wire Sections	5-ONA-2 (Note 3)
ON Carrier, Frequency Slot B on All Open-wire Sections	5-ONB-2 (Note 3)

TABLE C (Cont)

DESCRIPTION OF FACILITY	EXAMPLE
ON Carrier, Frequency Slot C on All Open-wire Sections	5-ONC-2 (Note 3)
ON Carrier, Frequency Slot D on All Open-wire Sections	5-OND-2 (Note 3)
ON Carrier, Frequency Slots A and B on the Open-wire Sections	5-ONAB-2 (Note 3) or 5-ONBA-2 (Note 3)
ON Carrier, Frequency Slots A and C on the Open-wire Sections	5-ONAC-2 (Note 3) or 5-ONCA-2 (Note 3)
ON Carrier, Frequency Slots A and D on the Open-wire Sections	5-ONAD-2 (Note 3) or 5-ONDA-2 (Note 3)
ON Carrier, Frequency Slots B and C on the Open-wire Sections	5-ONBC-2 (Note 3) or 5-ONCB-2 (Note 3)
ON Carrier, Frequency Slots B and D on the Open-wire Sections	5-ONBD-2 (Note 3) or 5-ONDB-2 (Note 3)
ON Carrier, Frequency Slots C and D on the Open-wire Sections	5-ONCD-2 (Note 3) or 5-ONDC-2 (Note 3)
ON Carrier on K Carrier Line Facilities	5-ONK-2 (Note 3)
ON Carrier, ON Line Facility Extended by Wire Beyond K Carrier Point of Access	5-ONXK-2 (Note 3)
ON Carrier, ON Line Facility Extended by Radio (Or a Combination of Radio and Wire) Beyond K Carrier Point of Access	5-ONRXK-2 (Note 3)
ON Carrier, Frequency Slot A on Any Combination of Open-wire and Radio Sections	5-ONRA-2 (Note 3)
ON Carrier, Frequency Slot B on Any Combination of Open-wire and Radio Sections	5-ONRB-2 (Note 3)
ON Carrier, Frequency Slot C on Any Combination of Open-wire and Radio Sections	5-ONRC-2 (Note 3)
ON Carrier, Frequency Slot D on Any Combination of Open-wire and Radio Sections	5-ONRD-2 (Note 3)

TABLE C (Cont)

DESCRIPTION OF FACILITY	EXAMPLE
ON Carrier, ON Open-wire and Radio, When Two Frequency Slots (A and B) Are Used in the Open-wire Sections	5-ONRAB-2 (Note 3) or 5-ONRBA-2 (Note 3)
ON Carrier, ON Open-wire and Radio, When Two Frequency Slots (A and C) Are Used in the Open-wire Sections	5-ONRAC-2 (Note 3) or 5-ONRCA-2 (Note 3)
ON Carrier, ON Open-wire and Radio, When Two Frequency Slots (A and D) Are Used in the Open-wire Sections	5-ONRAD-2 (Note 3) or 5-ONRDA-2 (Note 3)
ON Carrier, ON Open-wire and Radio, When Two Frequency Slots (B and C) Are Used in the Open-wire Sections	5-ONRBC-2 (Note 3) or 5-ONRCB-2 (Note 3)
ON Carrier, On Open-wire and Radio, When Two Frequency Slots (B and D) Are Used in the Open-wire Sections	5-ONRBD-2 (Note 3) or 5-ONRDB-2 (Note 3)
ON Carrier, ON Open-wire and Radio, When Two Frequency Slots (C and D) Are Used in the Open-wire Sections	5-ONRCD-2 (Note 3) or 5-ONRDC-2 (Note 3)
L Carrier on Radio (L-type Channelizing Equipment)	5-R-2
T1 Carrier	1-T-2 or 1-T1-2
T2 Carrier	1-T2-2
Carrier Group for J Carrier System	-JG-1
Carrier Group for K1 or K2 Carrier	-KG-1
L1 Carrier Group on Coaxial	-LG-64
L3 Carrier Group on Coaxial	-LG-1164
L1 Carrier Group on Radio	-RG-64
L3 Carrier Group on Radio	-RG-1164
L1 and L3 Carrier Group Assigned to Two Coaxial L Supergroups Connected in Tandem by a Supergroup Connector. Transmitting: Supergroup 6, Group 4.	-LGM-64

TABLE C (Cont)

DESCRIPTION OF FACILITY	EXAMPLE
L1 or L3 Carrier Group Assigned to Two Coaxial L Supergroups Connected in Tandem by a Supergroup Connector. Transmitting: Mastergroup 1, Submaster Group 1, Supergroup 6, Group 4.	-LGM-1164
L1 or L3 Carrier Group Assigned to LRSG. No Supergroup Connector.	-LRG-64
L1 or L3 Carrier Group Assigned to LRSG. High-Frequency Bridging or Branching of Supergroup.	-LRG-1164
L1 or L3 Carrier Group Assigned to a Combination of a Radio Supergroup and a Coaxial L Supergroup Connected in Tandem by a Supergroup Connector. Transmitting: Supergroup 6, Group 4.	-LRGM-64
L1 or L3 Carrier Group Assigned to a Combination of a Radio Supergroup and a Coaxial L Supergroup Connected in Tandem by a Supergroup Connector. Transmitting: Mastergroup 1, Submaster Group 1, Supergroup 6, Group 4.	-LRGM-1164
L1 or L3 Carrier Group Assigned to Two Radio Supergroups Connected in Tandem by a Supergroup Connector. (L Groups on Radio are Designated R Groups.) Transmitting: Supergroup 6, Group 4.	-RGM-64
L1 or L3 Carrier Group Assigned to Two Radio Supergroups Connected in Tandem by a Supergroup Connector. (L Groups on Radio are Designated R Groups.) Transmitting: Mastergroup 1, Submaster Group 1, Supergroup 6, Group 4.	-RGM-1164
L1 Supergroup on Coaxial	-LSG-6 (Note 1)
L3 Supergroup on Coaxial	-LSG-126 (Note 1)
L1 Supergroup on Radio	-RSG-6 (Note 1)
L3 Supergroup on Radio	-RSG-126 (Note 1)
L1 or L3 Supergroup Assigned to a Combination of Coaxial and Radio Line Facilities by Bridging or Branching Without the Use of a Supergroup Connector.	-LRSG-6 (Note 1) -LRSG-126 (Note 1)
L3 Submaster Group on Coaxial or Radio	-SMG-2
L1 Theoretical Mastergroup on Coaxial	-LMG-0 -LMG-0A (Note 2)
L1 Theoretical Mastergroup on Radio	-RMG-0 -RMG-0A (Note 2)

TABLE C (Cont)

DESCRIPTION OF FACILITY	EXAMPLE
L3 Mastergroup 1 on Coaxial	-LMG-1 -LMG-1A (Note 2)
L3 Mastergroup 2 on Coaxial	-LMG-2 -LMG-2A (Note 2)
L3 Mastergroup 3 on Coaxial	-LMG-3 -LMG-3A (Note 2)
L3 Mastergroup 1 on Radio	-RMG-1 -RMG-1A (Note 2)
L3 Mastergroup 2 on Radio	-RMG-2 -RMG-2A (Note 2)
L3 Mastergroup 3 on Radio	-RMG-3 -RMG-3A (Note 2)
K Unit	-KU-301
L Unit	-LU-301
ON Unit on Cable	-ONU-301
ON Unit on Radio	-ONRU-301
N1 Unit	-N1U-101
N2 Unit	-N2U-101
N3 Unit	-N3U-301
Message Unit on Radio	-MUR-31
Video on Intracity Facility	-VLC-21
Video on A2 System	-VUA-21
Video on Radio	-VUR-21
Video and Audio on Coaxial	-VUCA-21
Video only on Coaxial	-VUC-21
Radio Unit	-RU-301D (Note 4)

TABLE C (Cont)

Note 1: See 682-200-017 for L1 and L3 supergroup designations.

Note 2: Letters A, B, C, etc. are suffixed to the basic mastergroup number when additional mastergroups of the same frequency are established between the same two offices.

Note 3: Enter the number 1 or 2 after the letters ON as appropriate, i.e. 5-ON2-2.

Note 4: An appropriate letter will be suffixed to the radio unit number in accordance with Section 682-300-012.

TABLE D

LINE FACILITY COMMON LANGUAGE CODING INFORMATION — CARRIERS, FOREIGN, LENKURT

DESCRIPTION OF FACILITY	EXAMPLE
23A Open-wire Carrier	151-23A-2
33A Open-wire Carrier	151-33A-2
42A Open-wire Carrier	151-42A-2
45A Open-wire Carrier	151-A-2
45A Carrier in Combination with R Carrier	151-AR-2
45A Carrier in Combination with J Carrier	151-AJ-2
45A Carrier in Combination with L Carrier	151-AL-2
45B Carrier on Cable	151-BN-2
45B Carrier on Radio	151-BX-2
45B Carrier on Cable in Tandem with 45B Carrier on Radio	151-BNX-2
45B Carrier on Cable in Tandem with R Carrier	151-BNR-2
45B Carrier on Cable in Tandem with L Carrier	151-BNL-2
45B Carrier on Cable in Tandem with LR Carrier	151-BNLR-2
45B Carrier on Cable in Tandem with 45B Carrier on Radio in Tandem with LR Carrier	151-BNXLR-2
45B Carrier on Radio in Tandem with R Carrier	151-BXR-2
45B Carrier on Radio in Tandem with L Carrier	151-BXL-2
45B Carrier on Radio in Tandem with LR Carrier	151-BXLR-2
45C Carriers on Open-wire	
A Frequency Slot	151-5CA-2
B Frequency Slot	151-5CB-2
C Frequency Slot	151-5CC-2
D Frequency Slot	151-5CD-2

Note: Lenkurt equipped carrier systems were coded by using the manufacturer's alphabetical-numerical type code. Systems using combined Lenkurt and Western equipment use a combined Lenkurt and Western code. Future manufactured series, such as the 46-type, will be identified by inserting the last character of the type number as a prefix to the carrier type. Example: 46B carrier on Cable will be shown as 151-6BN-2.

TABLE E

LINE FACILITY COMMON LANGUAGE CODING INFORMATION — CARRIERS, FOREIGN, NON-LENKURT AND COMBINED

DESCRIPTION OF FACILITY	EXAMPLE
Panhandle Carrier	151-PN-2
British Post Office Equipped Carrier	151-BP-2
Lynch Carrier	151-LY-2
Adler Carrier	151-AD-2
Kellogg Carrier	151-KE-2
Northern Electric Carrier	151-NE-1
Collins Multiplex	151-CN-2
Carrier with Western Equipment (L-type) at One Terminal; non-Western (Collins Multiplex) at the Other	151-LCN-2
Carrier with Western Equipment (N-Type) at One Terminal; Lenkurt (45B) at the Other	151-NBN-2
Carrier with non-Western equipment at Both Terminals (Lenkurt BX-type at One End; Collins Multiplex at the Other)	151-BXCN-2

Note: Non-Lenkurt foreign carrier equipped systems were coded by using the following manufacturing company code. Systems using combined Lenkurt and non-Lenkurt equipment use a combined code.

NAME OF MANUFACTURING COMPANY	CODE
Adler Electronics (Westrex Litton)	AD
Aeronautical Communications Equipment Company	AC
Budelman Electronics Corporation	BU
Canadian General Electric Company	CG
Collins Radio Company	CN
Electronic Research Company	ER
Farinon Electric Company	FA
General Electric Company	GE

TABLE E (Cont)

NAME OF MANUFACTURING COMPANY	CODE
Kellogg (ITT Kellogg Company)	KE
Lambda Electronics	LM
Lynch Communications Systems Inc.	LY
Motorola Communication and Electronics Corp.	MT
Northern Electric Company	NE
Panhandle Electric Sales Inc.	PN
Philco Corporation	PH
Radio Corporation of America	RC
Raytheon Company	RY
Stromberg Carlson Company	SC

TABLE F

LINE FACILITY COMMON LANGUAGE CODING INFORMATION—CIRCUIT UNITS

DESCRIPTION OF FACILITY	EXAMPLE
Program Circuit Unit Overregulated	-PGCUO-12
Program Circuit Unit Underregulated	-PGCUU-12
Program Circuit Unit Nonregulated	-PGCUN-12
Radio Telephone Unit Overregulated	-RTCUO-12
Radio Telephone Unit Underregulated	-RTCUU-12
Radio Telephone Unit Nonregulated	-RTCUN-12
Circuit Unit Overregulated	-CUO-C301
Circuit Unit Underregulated	-CUU-C301
Circuit Unit Nonregulated	-CUN-C301
Signal Path Circuit Unit	-SPCU-301

Note: See Section 682-100-020 for numbering of circuit units. The letter R may be used in place of O or U to indicate the term "regulated".

TABLE G

LINE FACILITY COMMON LANGUAGE CODING INFORMATION —
WIDEBAND DATA FACILITIES

DESCRIPTION OF FACILITY	EXAMPLE
48-kc Band on Coaxial	-WAL-101
48-kc Band on Radio	-WAR-101
48-kc Band on Coaxial and Radio	-WALR-101
96-kc Band on Coaxial	-WBL-101
96-kc Band on Radio	-WBR-101
96-kc Band on Coaxial and Radio	-WBLR-101
240-kc Band on Coaxial	-WCL-101
240-kc Band on Radio	-WCR-101
240-kc Band on Coaxial and Radio	-WCLR-101
960-kc Band on Coaxial	-WDL-101
960-kc Band on Radio	-WDR-101
960-kc Band on Coaxial and Radio	-WDLR-101
Above 1 mc. Band on Coaxial	-WBUC-101
Above 1 mc. Band on Radio	-WBUR-101

TABLE H

LINE FACILITY COMMON LANGUAGE CODING INFORMATION
CARRIER TELEGRAPH

DESCRIPTION OF FACILITY	EXAMPLE
Carrier Telegraph Layout	-CLCTA-971
Carrier Telegraph System	71-CTF-2

Note: See Section 682-200-020 for the selection of the layout and system code letter (A, F) and the assignment of the proper layout and system numbers (971, 71).

11. REFERENCES

11.01 The following is a list of sections containing related information on facility identification.

682-100 Series	Circuit Layout Record Cards for Toll Telephone Trunks
682-200-017	Layout Record Cards and Other Records for Types L1 and L3 Carrier (Coaxial) Facilities
682-100-020	Circuit Layout Record Cards for Telephone Circuit Units
682-000-011	Plant Assignment, Circuit Layout Record, Description